

EMPLOYMENT OPPORTUNITY ANNOUNCEMENT

DEPARTMENTS OF THE ARMY AND AIR FORCE
OFFICE OF THE ADJUTANT GENERAL
NORTH CAROLINA NATIONAL GUARD
HUMAN RESOURCES OFFICE
4105 REEDY CREEK ROAD
RALEIGH, NORTH CAROLINA 27607-6410

ANNOUNCEMENT #: ARNGT 03-357

OPENING DATE: 28 November 2003

CLOSING DATE: 29 December 2003

ANTICIPATED FILL DATE: 25 Jan 04

POSITION TITLE AND NUMBER

Aircraft Engine Mechanic (ExcIndef)
PDCN R2106000, MD #: 4621-106

UNIT/ACTIVITY AND DUTY LOCATION

Army Aviation Support Facility #1, (AASF #1)
NCARNG, Morrisville, North Carolina

GRADE AND SALARY

WG-8602-08 (Trainee) \$14.29 - \$16.69 per hour

WG-8602-10 \$ 15.89 - \$18.60 per hour

EMPLOYMENT STATUS

Excepted Service

WHO CAN APPLY: The area of consideration for this announcement is STATEWIDE. Applications will only be accepted from current Excepted employees of the North Carolina Army National Guard, current military members of the North Carolina Army National Guard and individuals who are eligible and willing to enlist in the North Carolina Army National Guard.

HOW TO APPLY: Interested applicants may apply by submitting an Application for Federal Employment (Standard Form 171), Optional Application for Federal Employment (Optional Form 612), resume or any other form of application. It is **REQUIRED** that the Knowledge, Skills and Abilities (KSA) listed below be addressed and attached to the application. The application and KSA Statement should be mailed to the North Carolina National Guard, ATTN: OTAGNC-HRO, 4105 Reedy Creek Road, Raleigh, NC 27607-6410. To be received not later than the closing date or if mailed postmarked by the closing date. **NOTE**: Information that must be provided when applying for a technician position is as follows: announcement number; name; address; telephone number; social security number; date of birth; citizenship; education; work experience; and other job-related qualifications. For more information, call 1-800-621-4136 ext. 6172/6431. Faxed or E-mailed copies will not be accepted.

QUALIFICATION REQUIREMENT: Must have 12 months specialized experience for WG-08 or 18 months specialized experience for WG-10 which demonstrates that the applicant has acquired the below listed KSA's. Education may be substituted for experience when applicable and the appropriate transcripts are submitted with application.

KNOWLEDGE, SKILLS ABILITIES (KSA'S)

Below are listed the KSA's for this position. Applicants **MUST** address each KSA individually in paragraph format by explaining any civilian and military work experience (**WITH DATES**) that provided that KSA. It is **REQUIRED** that this statement be attached to the application. Failure to do so will result in the applicant not being considered for this position. For more information or assistance, call 1-800-621-4136 ext. 6172/6431.

KSA's for WG-08

1. Knowledge of aircraft engine parts and components and how they work.
2. Ability to check aircraft engine components for cracks, dents, security of attachments, servicing, leakage, foreign matter, clearances, deformation, and proper safeties.
3. Ability to detect wear patterns of aircraft engines components.
4. Ability to determine if disassembled parts are reusable.
5. Knowledge of aircraft engine disassembly practices.

KSA's for WG-10

1. Knowledge of aircraft engine parts and components and how they function.
2. Skill in the use and interpretation of schematic diagrams and other technical publications.
3. Ability to isolate engine problems by use of troubleshooting, test equipment, and instruments.
4. Ability to interpret inspection findings and determine the degree of corrective action.
5. Ability to determine if disassemble parts are reusable.
6. Ability to disassemble, repair, rework and modify aircraft engines and components in accordance with prescribed procedures in TMs and other directives.

Announcement No ARNGT 03-357 (Cont)

MILITARY ASSIGNMENT: Assignment to a compatible Enlisted position in a unit supported by the facility in the NCARNG is mandatory. [CMF 15; MOS: 91A/W)

CONDITIONS OF EMPLOYMENT: 1. Occupants of this position must maintain continuous military membership in the North Carolina Army National Guard (NCARNG). NCARNG status (military grade, MTOE or TDA assignment, MOS/SSI, military unit) and experience must be entered on the application. The recommended applicant will not be approved for appointment until they occupy a compatible MOS in the NCARNG shown under Military Assignment on the reverse side of this announcement. 2. The applicant selected for this position will be required to participate in the Direct Deposit/Electronic Fund Transfer Program. 3. The recommended applicant will not be approved for appointment until the appropriate physical examination is completed.

PRINCIPAL DUTIES AND RESPONSIBILITIES: Troubleshoots and diagnoses malfunctioning engines to determine degree of disassembly, repair, modification, and adjustment needed. Removes and disassembles aircraft engines in order to perform necessary maintenance. Inspects engine components using visual, magnetic, fluorescent and dye-penetrant inspection methods. Analyzes inspection findings to determine extent of repairs required. With the aid of diagrams, schematics and technical publications, makes necessary repairs and modifications. Assembles and installs engines adhering to prescribed procedures, safety practices and technical requirements. Pre-oils newly installed engines and performs initial start-up. Performs periodic and special inspections on engines. Inspects installed, repaired and modified engines and components to insure compliance with technical publications. Interprets inspection findings to determine adequacy of repairs, modification, or corrective actions. Conducts tests of repaired components using bench mock-ups and related test equipment. Installs special test equipment and performs preoperational and postoperational checks. Evaluates engine performance by computing fuel consumption, monitoring RPM and analyzing exhaust gas temperatures. Performs engine trim in accordance with applicable directives. Adjusts, aligns and calibrates engine and components to insure maximum operating efficiency consistent with design characteristics. Employs a variety of test equipment and instruments such as engine pressure-ratation-indicator, exhaust-gas temperature gauge, fuel flow meter, air pressure indicator and other alignment fixtures. Evaluates engine performance and accepts or rejects engine. Must be knowledgeable of applicable technical manuals and other publications pertaining to aircraft engines. May be required to maintain library of pertinent regulations. May assist authorized firefighters in the performance of fire/crash/rescue duties as needed. May assist in other functions within the component repair shop in the accomplishment of mission requirements. Performs other duties as assigned.

INSTRUCTIONS TO COMMANDERS/SUPERVISORS: This position vacancy announcement will be given the broadest possible dissemination. A copy of this announcement will be posted to your unit/activity bulletin board.

ADDITIONAL INSTRUCTIONS: 1. Participants in the Selected Reserve Incentive Program will be administered as prescribed by NGB Pamphlet 600-15. 2. Applicants are requested to identify, on a separate sheet of paper, their race and national origin from one of the following categories; Male or Female; American Indian or Alaskan native; Asian or Pacific islander; Black, not of Hispanic origin; Hispanic; White, not of Hispanic origin. Submission of this information is voluntary and will be used in support of the NCNG Equal Employment and Affirmative Action Programs. 3. A permanent change of station (PCS) will not be authorized for the individual selected for this position unless agreed upon in advance by HRO and a PCS order is prepared prior to effective date. 4. Males born on or after 1 January 1960 must be registered with the selective service in order to be considered for federal employment. 5. This position will be filled indefinite. Individual selected may be terminated from employment upon receipt of a 30-day notice. 6. Selected individual may be non-competitively converted to a permanent status if this position becomes permanently funded.

INFORMATION SUBMITTED WILL BE USED ONLY IN ACCORDANCE WITH THE PRIVACY ACT OF 1974

DISTRIBUTION:

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